



VARISTOR SPEC SHEET

HIGH ENERGY SERIES

Date: 06/23/2008

VARISTOR SPECIFICATION SHEET

MAIDA STYLE NUMBER D7894ZOV321RA430

MAIDA ITEM NUMBER 01-0854

Electrical Specifications

Continuous AC Voltage	320	VAC
Continuous DC Voltage	420	VDC
Maximum DC Leakage @ Rated VDC	200	uA
Low Varistor Voltage Limit	453	VDC
High Varistor Voltage Limit	553	VDC
Nominal Varistor Voltage	503	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	850	V
Maximum Clamp Voltage Test Current	200	A
Peak Current Rating (1 Pulse)	18000	A
Peak Current Rating (2 Pulse)	15000	A
Energy Rating (8X20us)	430	J
Energy Rating (10X1000us)	430	J
Typical Capacitance	1600	pF
Impulse Response Time	< 50	ns
Minimum Hipot of Coating	2500	VDC
Minimum I.R. of Coating	1000	MΩ

Thermal Specifications

Minimum Operating Temperature	-40	°C
Maximum Operating Temperature	85	°C
Varistor Voltage Temperature Coeff	-0.05	%/°C
Minimum Storage Temperature	-50	°C
Maximum Storage Temperature	125	°C
Current/Energy Derating Above 85°C	-2.5	%/°C

Notes

Lead Free - Complies with RoHS



DEVELOPMENT COMPANY

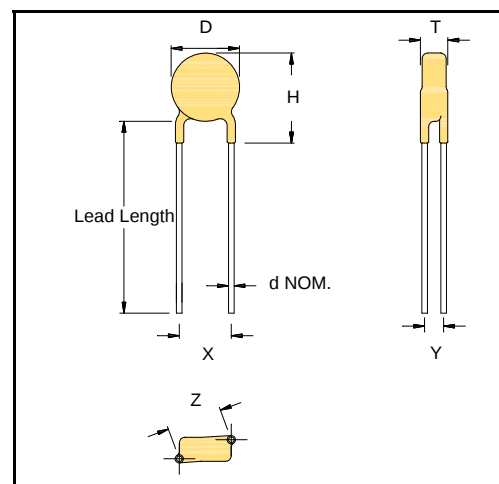
P.O. Box 3529

Hampton, Virginia 23663

(757) 723-0785 Fax (757) 722-1194

Physical Specifications

Lead Style	243F4
X Nominal	0.5 in.
X Tolerance	0.04 in.
Lead Length Nominal	1.00 in.
Lead Length Tolerance	min. in.
Y Nominal	0.161 in.
Y Tolerance	0.03 in.
d Nominal	0.04 in.
Wire Gauge	18 AWG
Minimum Marking	Z321-430UL
Nominal Disk Size	32 mm
D Maximum	1.575 in.
T Maximum	0.312 in.
H Maximum	1.825 in.



* Contact Maida for a more detailed configuration drawing.

Safety Agency Recognitions

UL 1449 File Number	E86730
UL 1414 File Number	E38785
CSA File Number	LR33468
VDE File Number	
SEV File Number	